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Proposed Maximum Residue Limit PMRL2011-18

Fenpropathrin

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) is proposing to establish maximum residue limits (MRLs) for fenpropathrin on various commodities to permit the import and sale of foods containing such residues.

Fenpropathrin is an insecticide not currently registered for use in Canada.

The PMRA has determined the quantity of residues that are likely to remain in or on the imported food commodities when fenpropathrin is used according to label directions in the exporting country. The Agency has also determined that such residues will not be a concern to human health and is proposing to legally establish corresponding import MRLs. An MRL applies to the identified raw agricultural food commodity as well as to any processed food product that contains it, except where separate MRLs are specified for the raw agricultural commodity and a processed product made from it.

Details regarding the import MRLs can be found in the corresponding Evaluation Report that is available in the Pesticides and Pest Management section Health Canada's website, under Public Registry, Pesticide Product Information Database.[1]

Consultation on the proposed MRLs for fenpropathrin is being conducted via this document (see Next Steps, the last section of this document).

To comply with Canada's international trade obligations, consultation on the proposed MRLs is also being conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada

The proposed MRLs for fenpropathrin in Canada in or on food are as follows.

Table 1 Proposed Maximum Residue Limits for Fenpropathrin

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Fenpropathrin	cyano(3-phenoxyphenyl) methyl 2,2,3,3-tetramethylcyclo propanecarboxylate	75	Citrus oil
		12	Caneberries (Crop Subgroup 13-07A)
		10	Raisins
		5.0	Pome fruits (Crop Group 11-09), small fruit vine climbing, except fuzzy kiwifruit (Crop Subgroup 13-07F), olives, sweet cherries, tart cherries
		3.0	Head and stem *Brassica* (Crop Subgroup 5A), bushberries (Crop Subgroup 13-07B), cotton seed oil

[1] The relevant report can be accessed by selecting the Applications/New/Historical tab and requesting the Evaluation Report found under Application Number 2008-1306.

Common Name	Residue Definition	MRL (ppm)	Food Commodity
		2.0	Citrus fruits (Crop Group 10 - Revised), low growing berries (Crop Subgroup 13-07G), tea (dried)
		1.4	Stone fruits (Crop Group 12-09, except cherries)
		1.0	Fruiting vegetables (Crop Group 8-09), avocados, black sapote, canistel, mamey sapote, mango, papaya, sapodilla, star apple, undelinted cotton seeds
		0.5	Cucurbit vegetables (Crop Group 9)
		0.1	Tree nuts (Crop Group 14), pistachios
		0.02	Succulent shelled peas
		0.01	Peanuts

MRLs are proposed for each commodity included in the listed crop groupings in accordance with the Residue Chemistry Crop Groups webpage in the Pesticides and Pest Management section of Health Canada's website.

A complete list of all pesticide MRLs established in Canada can be found on the Maximum Residue Limits for Pesticides webpage in the Pesticides and Pest Management section of Health Canada's website.

International Situation and Trade Implications

Table 2 compares the proposed MRLs for fenpropathrin in Canada with corresponding American tolerances and Codex Alimentarius MRLs.[2] American tolerances are listed in the Electronic Code of Federal Regulations,40 CFR Part 180, by pesticide. A listing of all established Codex MRLs is available on the Codex Alimentarius Pesticide Residues in Food website.

Table 2 Comparison of Canadian MRLs, American Tolerances and Codex MRLs

Food Commodity	Canadian MRL (ppm)	American Tolerance (ppm)	Codex MRL (ppm)
Citrus oil	75	75	Not Established
Canberries (Crop Subgroup 13-07A)	12	12	Not Established
Raisins	10	10	5.0*
Pome fruits (Crop Group 11-09)	5.0	5.0	5.0
Small fruit vine climbing, except fuzzy kiwifruit (Crop Subgroup 13-07F)	5.0	5.0 (Grape only)	5.0 (Grape only)

2 The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.

Food Commodity	Canadian MRL (ppm)	American Tolerance (ppm)	Codex MRL (ppm)
Olives	5.0	5.0	Not Established
Sweet cherries, tart cherries	5.0	5.0	Not Established
Head and stem *Brassica* (Crop Subgroup 5A)	3.0	3.0	Not Established
Bushberries (Crop Subgroup 13-07B)	3.0	3.0 (Bushberry subgroup 13B, juneberry, lingonberry and salal only)	Not Established
Cotton seed oil	3.0	3.0	3.0
Citrus fruits (Crop Group 10 - Revised)	2.0	2.0	Not Established
Low growing berries (Crop Subgroup 13-07G)	2.0	2.0 (Strawberry only)	Not Established
Tea (dried)	2.0	Not Established	2.0 (Tea, green, black)
Stone fruits (Crop Group 12-09, except cherries)	1.4	1.4	Not Established
Fruiting vegetables (Crop Group 8-09)	1.0	1.0	10 (Chili peppers (dry) only) 1.0 (Sweet peppers and tomato only) 0.2 (Egg plant only)
Avocados, black sapote, canistel, mamey sapote, mango, papaya, sapodilla, star apple	1.0	1.0	Not Established
Undelinted cotton seeds	1.0	1.0	1.0
Cucurbit vegetables (Crop Group 9)	0.5	0.5	0.2 (Gherkin only)
Tree nuts (Crop Group 14), pistachios	0.1	0.1	Not Established
Succulent shelled peas	0.02	0.02	Not Established
Peanuts	0.01	0.01	Not Established

* In the absence of an MRL for the processed commodity, the MRL for the raw agricultural commodity, grapes, applies.

Next Steps

The PMRA invites the public to submit written comments on the proposed import MRLs for fenpropathrin up to 75 days from the date of publication of this document. Please forward your comments to Publications (see the contact information on the cover page of this document). The PMRA will consider all comments received before making a final decision on the proposed MRLs for fenpropathrin and posting a corresponding Established Maximum Residue Limit document in the Pesticides and Pest Management section of Health Canada's website.